

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-101966

(43)Date of publication of application : 19.04.1989

(51)Int.Cl.

A61B 5/00

*Cited Reference 6*

A61B 1/00

(21)Application number : 62-260018

(22)Date of filing : 15.10.1987

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## (54) ENDOSCOPIC SPECTRAL DIAGNOSTIC APPARATUS

## (57)Abstract:

**PURPOSE:** To obtain data effective for spectral diagnosis in real time, by displaying the chromaticity of a region to be measured on the basis of the output of a chromaticity measuring means.

**CONSTITUTION:** An endoscopic spectral diagnostic apparatus 1 is constituted of an electronic scope 2, a light source apparatus 3 for supplying illumination light to said electronic scope 2, a signal processing apparatus 4 for performing the signal processing of the electronic scope 2 and a color monitor 5 displaying an image on the basis of the output signal of the signal processing apparatus 4. The chromaticity of an object is calculated by the chromaticity calculation circuit 34 of the signal processing apparatus 4 and the chromaticity thus calculated is superposed on an image signal through a superimposition circuit 33 to be displayed on the color monitor 5.

